

DERWENT-ACC-NO: 2002-065107

DERWENT-WEEK: 200209

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TITLE: Polymer film for copying hologram program and manufacturing method thereof

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PRIORITY-DATA: 1999KR-0054476 (December 2, 1999)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
KR 2001053913 A	July 2, 2001	N/A	000	G03H 001/00

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
KR2001053913A	N/A	1999KR-0054476	December 2, 1999

INT-CL (IPC): G03H001/00

ABSTRACTED-PUB-NO: KR2001053913A

BASIC-ABSTRACT:

NOVELTY - A polymer film for copying a hologram program is provided to facilitate the embossing of hologram image by forming a hologram receiver layer.

DETAILED DESCRIPTION - An amorphous sheet of one-axis or two-axis orientation polymer base layer is made of one selected from a group including polyester, cellulose triacetate, polyimide, polycarbonate and polysulphone. Methylacrylate 15 weight part and ethylacrylate 85 weight part are copolymerized to obtain an acryl emulsion resin with a glass transition temperature of 25deg.C. The acryl emulsion resin 2 to 4wt% is dispersed into water to obtain a distribution solution with a viscosity of at most 6cps. The distribution solution is coated on at least one surface of the amorphous sheet with a thickness of 0.1 to 1.0 micrometers. The amorphous sheet is one-axis or two-axis elongated.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: POLYMER FILM COPY HOLOGRAM PROGRAM MANUFACTURE METHOD

DERWENT-CLASS: A89 G06 P84 V07